

ABSTRACT

An apparatus for electroplating a rotogravure cylinder out of a plating solution is disclosed. The apparatus includes a plating tank adapted to support the cylinder and to contain a plating solution so that the cylinder
5 is at least partially disposed into the plating solution. The apparatus also includes a non-dissolvable anode at least partially disposed within the plating solution. A current source is electrically connected to the non-dissolvable anode and to the cylinder. An ultrasonic system may be provided to introduce wave energy into the plating solution includes at
10 least one transducer element mountable within the tank and a power generator adapted to provide electrical energy to the transducer element. A holding tank having a circulation pump, a mixing system and heating and cooling elements for the plating solution may be provided.